

ABSTRACT OF THE DISCLOSURE

A developing device has a rotary developer carrier, a rotary developer supply and collection member, a first and second rotary developer stirring members for stirring the developer while conveying and circulating the developer between them in the direction opposite to each other and having the same developer conveyance power, and a third rotary developer stirring member having a zero conveyance power in the rotary axis direction, which are provided in a housing in parallel with each other in this order in the direction to leave a latent image carrier. A toner replenishment inlet is provided at an upper part where the second and third stirring members face each other, and on an upstream side of the second stirring member in the developer conveyance direction, and the second and third stirring members are rotated downwardly at the position where both developer stirring members face each other.